REMARKS/ARGUMENTS

Claims 5-7, 15 and 17-19 are currently pending in the application. As noted above, claims 5-7, 15 and 17-19 have been amended, no claims have been canceled, and no claims have been added. Support for these amendments may be found throughout the Specification.[1] Thus, claims 5-7, 15 and 17-19 are now pending.

Applicants respectfully request reconsideration of this application based on the following remarks.

Claim Rejections – 35 USC § 103

Claims 5-7 and 17-19 are rejected under 35 USC § 103, as being unpatentable over Asahina (US Patent No. 2002/0015417) in view of Shacher et al. (US Patent No. 5,671,223) and Aggarwal et al. (US Patent No. 6,249,525) further in view of W. Simpson, RFC 1662. Applicants respectfully traverse this rejection.

To establish a *prima facie* case of obviousness, all of the claimed features must be taught or suggested by the references and there must be some suggestion or motivation, in the references themselves or in the knowledge generally available to one of ordinary skill in the art, to modify the reference or to combine reference teachings.[2]

Initially, the Examiner concedes that Asahina in view of Shacher neither discloses nor suggests the prior claim element language. Applicants further amended such claim element language to recite "a detection unit operative to evaluate each RLP packet received from the input interface unit one RLP word at a time to detect for bytes of specific values one byte at a time, the detection unit is operative to detect for flag and escape bytes in the received data" as recited in the claims 5-7 and 17 and "a detection unit operative to evaluate each RLP packet received from the input interface unit one RLP word at a time to detect for flag, escape, and invalid bytes one byte at a time" as recited in claims 18 and 19. The Examiner relies on Aggarwal to remedy the deficiency with respect to the prior claim element language and cites column 1, lines 43-44 as support. Applicants respectfully disagree.

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[1] *See, e.g.*, Specification, paragraphs [0089]-[0091].

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Column 1, lines 43-44 read as follows:

"The problems with such mechanisms in encoding these escape characters at the transmitter and in detecting these escape characters in reception at very high speeds has been challenging, if not almost impossible, using this current one byte at a time processing technique."

The above cited passage fails to disclose or suggest "a detection unit operative to evaluate each RLP packet received from the input interface unit **one RLP word at a time** to detect for bytes of specific values **one byte at a time**, the detection unit is operative to detect for flag and escape bytes in the received data" as recited in the claimed subject matter. (Emphasis added).

Further, any attempt to combine Aggarwal with another reference to reject the presently-claimed subject matter is inappropriate. In particular, "[I]f the proposed modification or combination of the prior art would change the principle of operation of the prior art invention being modified, then the teachings of the references are not sufficient to render the claims *prima facie* obvious."[3] Based on the above teachings, the principle of operation of Aggarwal clearly restricts data flow to "n byte streams in an FIFO input with data from the FIFOs **parallely** outputting." Further, Aggarwal discloses that "detecting these escape characters in reception at very high speeds has been challenging, if not impossible, using the current **one byte at a time** processing technique." Therefore, not only is there no motivation to combine Aggarwal with Asahina and Shacher, Aggarwal in fact teaches away from the process recited in the claimed subject matter.

Thus, Applicants respectfully request that the Examiner withdraw the rejection of claims 5-7 and 17-19 under 35 USC § 103 as being unpatentable over Asahina in view of Shacher and in view of Aggarwal and further in view of W. Simpson

Claim 15 is rejected under 35 USC § 103 as being unpatentable over Asahina (US 2002/0015417) in view of Shacher et al. (U.S. 5,671,223) further in view of W. Simpson, RFC 1662.

Initially, amended claim 15 renders the above rejection moot, as "a detection unit operative to evaluate each RLP packet received from the input interface unit one RLP word at a

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[2] M PEP, section 2142.
[3] *In re Ratti*, 270 F.2d 810, 123 USPQ 349 (CCPA 1959).

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time to detect for bytes of specific values one byte at a time, the detection unit is operative to detect for flag and escape bytes in the received data" is neither disclosed nor suggested in Asahina in view of Shacher and further in view of W. Simpson. Furthermore, the above remarks are applicable to amended claim 15. Thus, Applicants respectfully request the Examiner to withdraw the rejection of claim 15 under 35 U.S.C. §103(a) as being obvious over Asahina in view of Shacher and further in view of W. Simpson.

Therefore, based on the foregoing, Applicants respectfully request that the Examiner withdraw the rejection of claims 5-7, 15 and 17-19 under 35 USC § 103 as being unpatentable over Asahina in view of Shacher and Aggarwal further in view of W. Simpson.
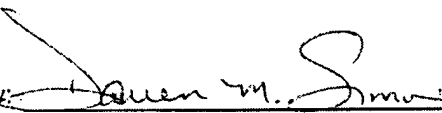
CONCLUSION

In light of these remarks, Applicants submit that the application is in condition for allowance, for which early action is requested.

Please charge any fees or overpayments that may be due with this response to Deposit Account No. 17-0026.

Respectfully submitted,

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